

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/001870

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C01G39/00 C01G41/00 C01G1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	WO 2004/013884 A (INST JOSEF STEFAN ; MIHAILOVIC DRAGAN (SI); NEMANIC VENCESLAV (SI); ZU) 12 February 2004 (2004-02-12) cited in the application page 5, paragraph 3 - page 7, paragraph 2; claim 1	
A	RAMSKAR M ET AL: "SELF-ASSEMBLY OF SUBNANOMETER-DIAMETER SINGLE-WALL MOS2 NANOTUBES" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,, US, vol. 292, no. 5516, 20 April 2001 (2001-04-20), pages 479-481, XP001156527 ISSN: 0036-8075 abstract	1

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

7 September 2004

Date of mailing of the international search report

15/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 12 May 1984 (1984-05-12), C. PERRIN, M. SERGENT, J.C. PILET, F. LE TRAON, A. LE TRAON: "Structure-property relations in new Mo(III) and Mo(II) chalcohalogenides with Mo4 and Mo6 clusters" XP002283920 Database accession no. 99:46283 abstract	1-8, 11-33
A	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 12 May 1984 (1984-05-12), C. PERRIN, M. POTEL, M. SERGENT: "Molybdenum bromide sulfide (Mo6Br6S3) : a new two-dimensional compound with octahedral Mo6-Clusters" XP002283921 Database accession no. 98:170737 abstract	1-33
A	M. REMSKAR, . MRZEL, R. SANJINES, H. COHEN, F. LÉVY: "Metallic Sub-Nanometer MoS(2-x)I(y) Nanotubes" ADVANCED MATERIAL, vol. 15, no. 3, 2003, pages 237-240, XP002283919 the whole document	1,14

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WO 2004013884 A	12-02-2004	SI 21289 A WO 2004013884 A1	29-02-2004 12-02-2004